

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

Claims 1-12. (Cancelled)

13. (Currently amended) A system for capturing attributes of a biometric object, comprising:

an electro-optical biometric image capturing system that includes a platen from which an image of a ridged print pattern can be captured through total internal reflection at the platen; and

a heater assembly coupled to said electro-optical biometric image capturing system for enhancing performance of said electro-optical biometric image capturing system;

wherein said electro-optical biometric image capturing system includes an optical path, and said heater assembly is attached to a surface of said electro-optical biometric image capturing system that is outside the optical path,

such that the heater assembly heats a biometric object receiving surface of said electro-optical biometric image capturing system to eliminate additional moisture near a biometric object on said biometric object receiving surface without interfering in the optical path.

Claims 14-15. (Cancelled)

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16. (Currently amended) A heating apparatus for heating a prism of an ~~electronic~~ electro-optical image capturing device having a light path through the prism to a platen from which an image of a ridged print pattern can be captured through total internal reflection at the platen, thereby preventing a halo effect in an image of a biometric object resting on the platen, comprising:

a first heater assembly coupled to a first end of the prism wherein the first end of the prism is located outside the light path; and

a second heater assembly coupled to a second end of the prism wherein the second end of the prism is located outside the light path;

wherein said first heater assembly and said second heater assembly each include a heating element for generating heat in the prism, thereby causing temperature in the prism to rise such that a halo effect is prevented from forming on the image of the biometric object.

17. (Original) The heating apparatus of claim 16, further comprising a thermostat controller which controls the amount of heat provided by said first heater assembly and said second heater assembly.

18. (Original) The heating apparatus of claim 17, wherein said thermostat controller controls the amount of heat provided by each heater assembly as a function of heater assembly temperature.

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19. (Previously presented) The heating apparatus of claim 17, wherein the thermostat controller controls the amount of heat provided such that each heater assembly operates in one of three states including:

- a full power state;
- a half power state; and
- a no power state.

20. (Currently amended) The heating apparatus of claim 16, wherein ~~the surface of the prism is a glass platen~~ the platen is a surface of the prism.

21. (Currently amended) The heating apparatus of claim 16, wherein ~~the surface of the prism is a silicone pad~~ the platen comprises a silicone pad optically coupled to a surface of the prism.

22. (Original) The heating apparatus of claim 16, wherein said heating element is a resistive heating element.

Claims 23-24. (Cancelled)

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